

In the claims:

Please cancel claims 3, 4, 6, and 11. The claims are presented below.

1. A process of treating wood with a preservative comprising:  
providing a wood substrate;  
applying to the wood substrate an aqueous solution comprising about 0.5% to about 50% of an iodic acid, a periodic acid, or a combination thereof;  
about 0.05% to about 10% of a fluorinated surfactant with a perfluorinated chain; and,  
optionally, an effective stabilizing amount of an ethoxylated nonylphenol ; wherein said aqueous solution reacts with the wood substrate to form an insoluble iodine matrix within the wood substrate, said iodine matrix providing a moisture resistant barrier imparting to the wood preservative properties against termites and decay.
2. A preservative solution for cellulosic materials comprising:  
an aqueous solution comprising about 0.5% to about 50% of an iodic acid, a periodic acid, or a combination thereof;  
about 0.05% to about 10% of a fluorinated surfactant with a perfluorinated chain; and,  
optionally, an effective stabilizing amount of an ethoxylated nonylphenol
3. Canceled
4. Canceled
5. The process according to claim 1 wherein said aqueous solution further comprises about 0.5% to about 5.0% of an iodic acid, a periodic acid, or a combination thereof.
6. Canceled
7. The process according to claim 1 where in said applying step is selected from the steps comprising spraying, brushing, rolling, dipping, pressurization, and combinations thereof.
8. The product according to the process of claim 1.
9. A decay resistant wood product comprising a wooden substrate, said substrate having formed therein an iodine matrix formed by the reaction of a

periodic acid containing an effective amount of a stabilizer selected from the group consisting of fluorinated surfactants having a perfluorinated chain, ethoxylated nonylphenols, and combinations thereof.

10. The wood product according to claim 9 wherein said effective amount of said stabilizer comprises at least about 0. 05% by weight.
11. Canceled